



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5829

SERIAL NUMBER 10/828,625	FILING DATE 04/21/2004 RULE	CLASS 455	GROUP ART UNIT 2684	ATTORNEY DOCKET NO. MERL-1565
-----------------------------	---------------------------------------	--------------	------------------------	-------------------------------------

APPLICANTS

Neelesh B. Mehta, Medford, MA;

Pallav Sudarshan, Raleigh, NC;

Andreas F. Molisch, Arlington, MA; Jinyun Zhang, Cambridge, MA;

** CONTINUING DATA

Yes

This application is a CIP of 10/209,306 07/31/2002

** FOREIGN APPLICATIONS

None

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 07/06/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY MA	SHEETS DRAWING 2	TOTAL CLAIMS 8	INDEPENDENT CLAIMS 2
Verified and Acknowledged	Examiner's Signature <i>[Signature]</i> Initials				

ADDRESS

Patent Department
 Mitsubishi Electric Research Laboratories, Inc.
 201 Broadway
 Cambridge, MA
 02139

TITLE

Multiple antennas at transmitters and receivers to achieving higher diversity and data rates in MIMO systems

FILING FEE RECEIVED	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time)